

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

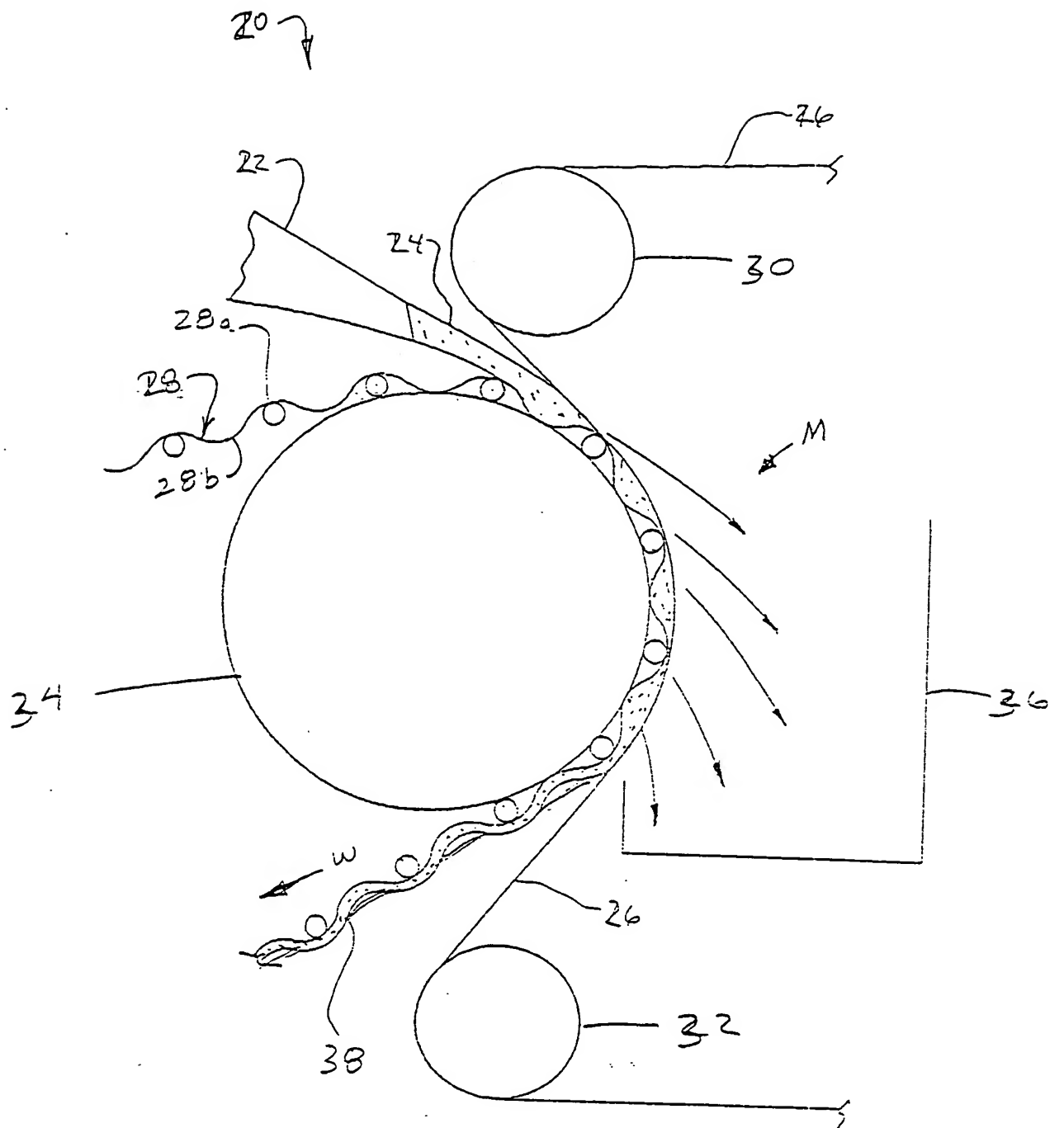
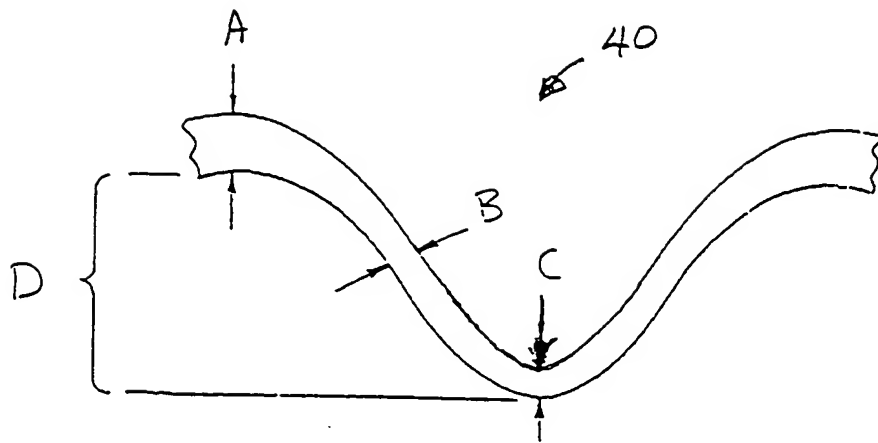


Fig. 1



PRIOR ART

FIG. 2

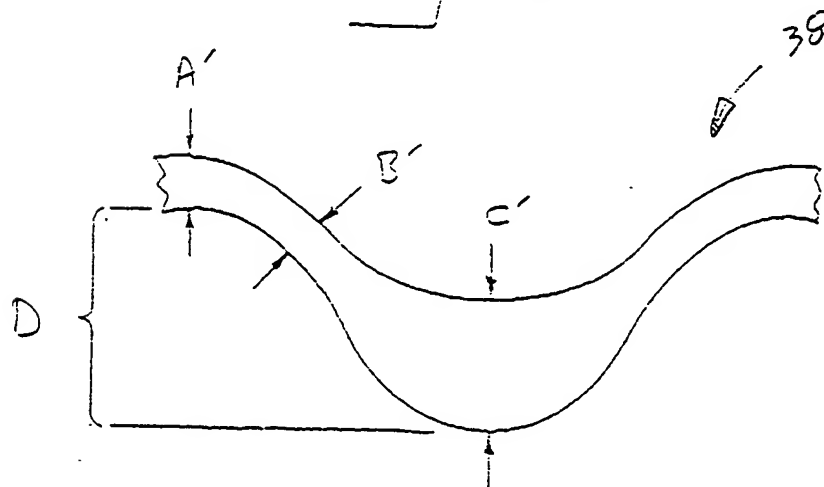
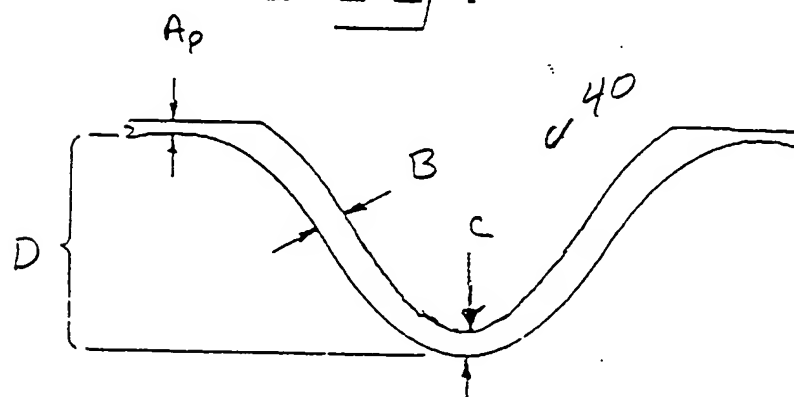


FIG. 3



PRIOR ART

FIG. 4

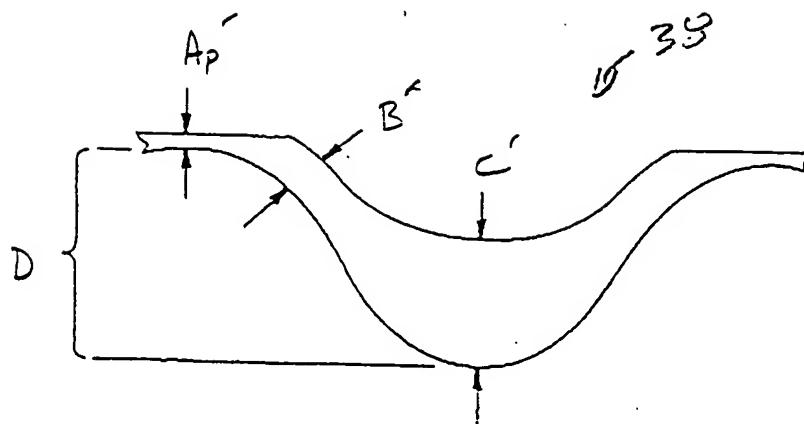


FIG. 5

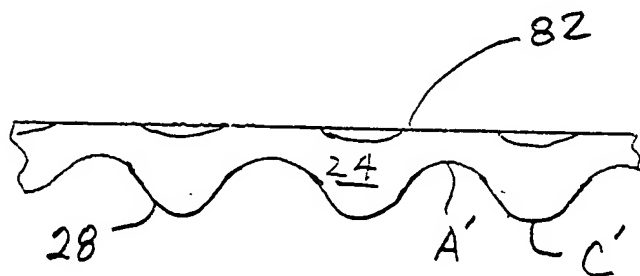
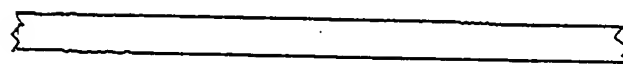


FIG. 6



PRIOR ART

FIG. 7

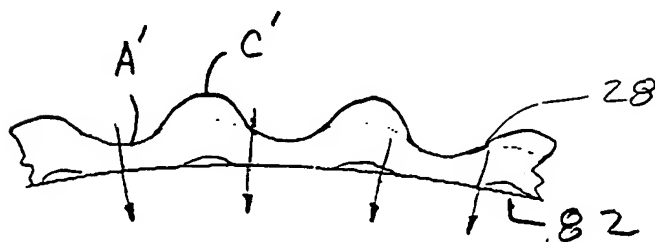
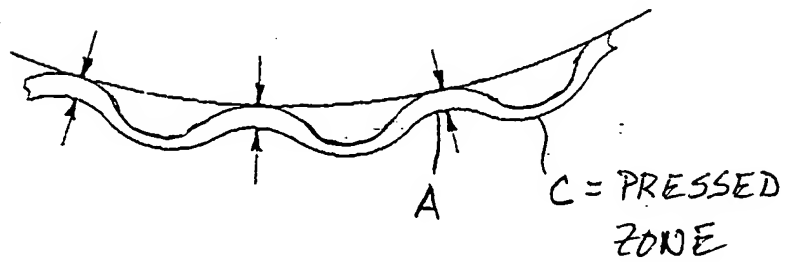
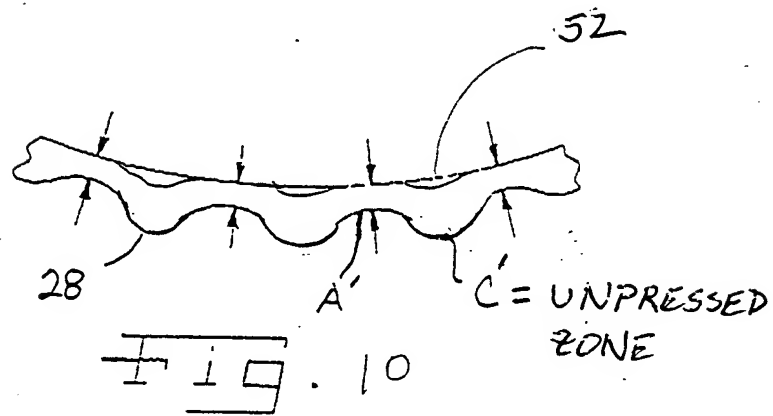
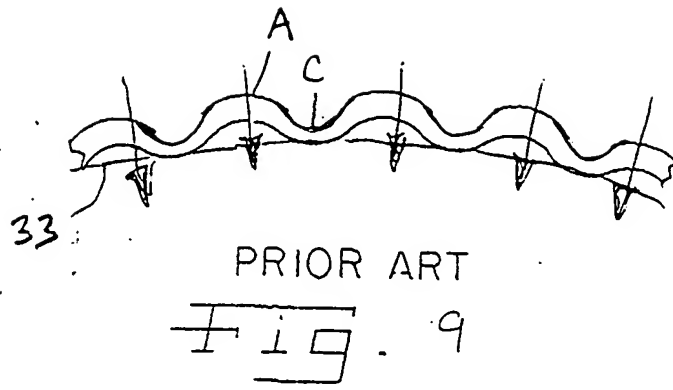


FIG. 8



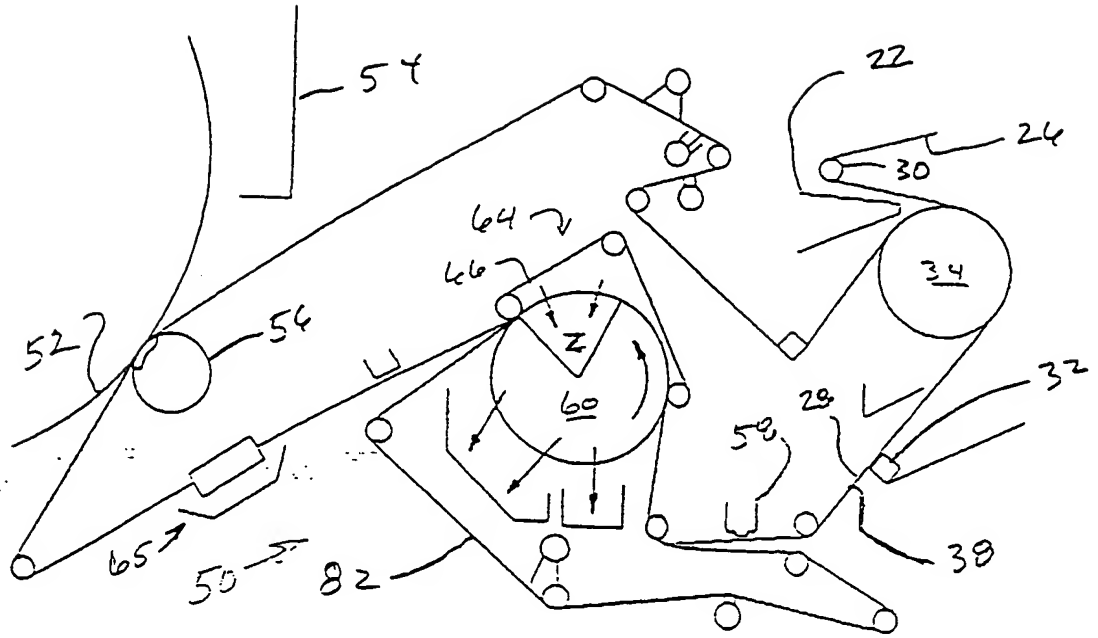


FIG. 13

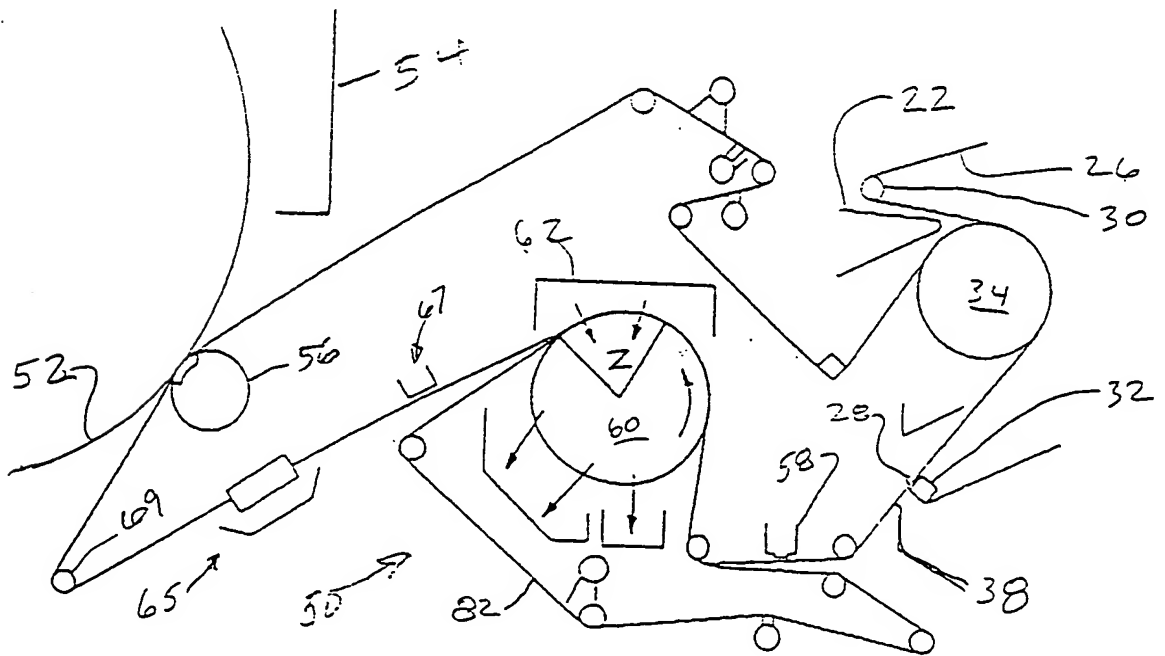
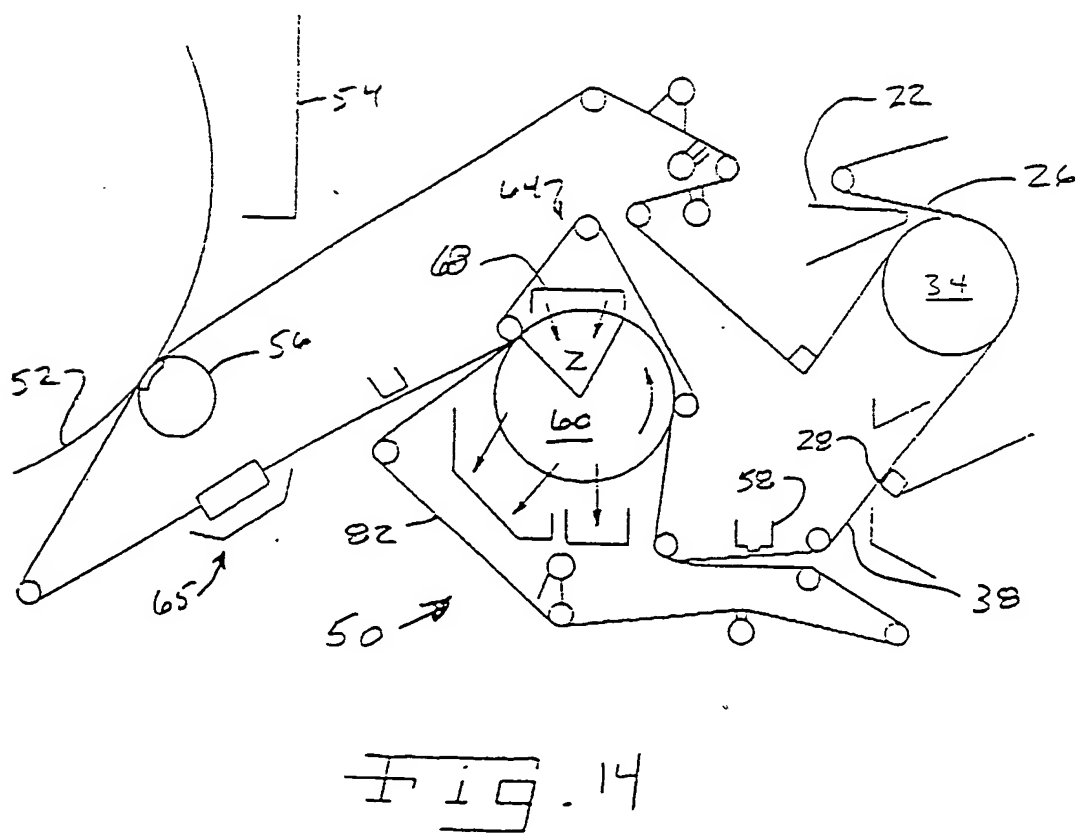
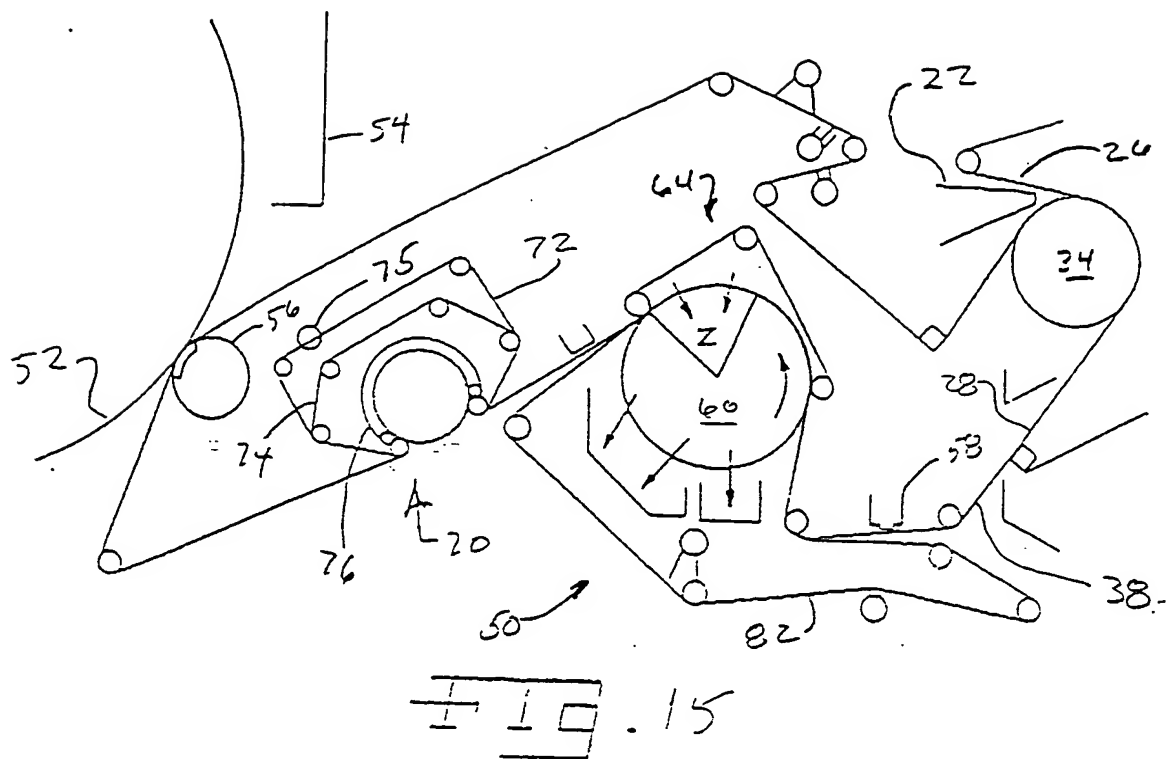
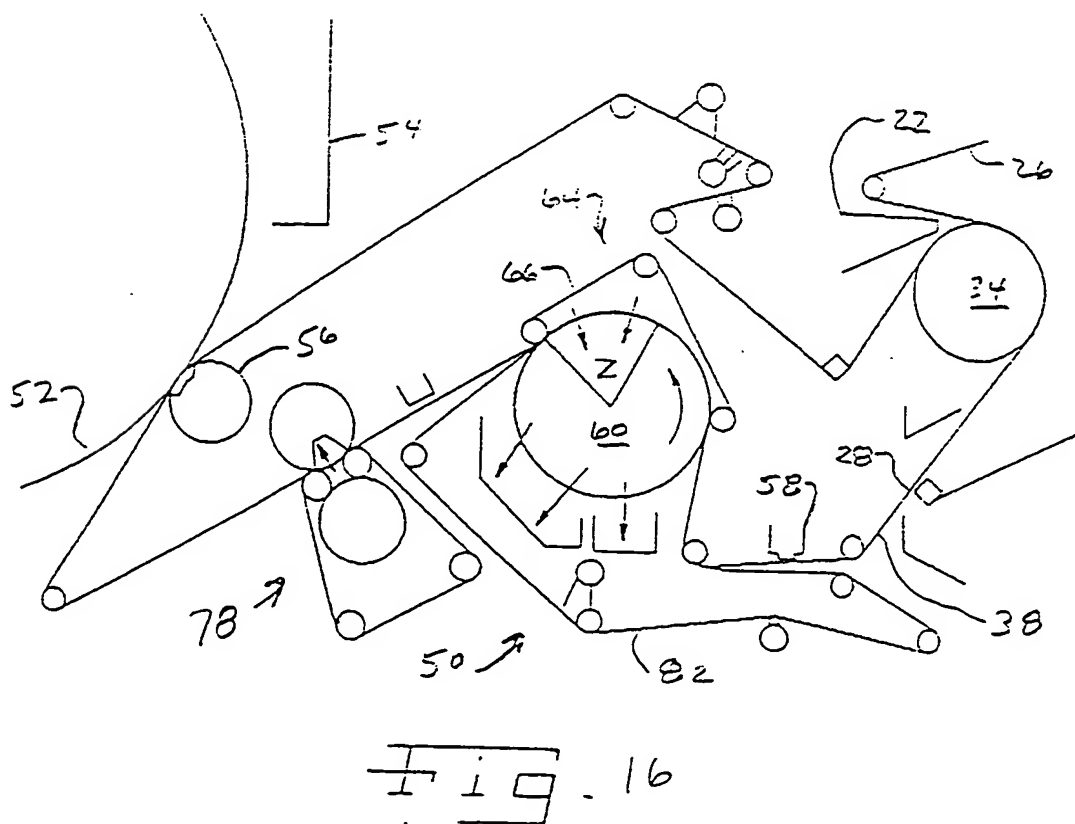
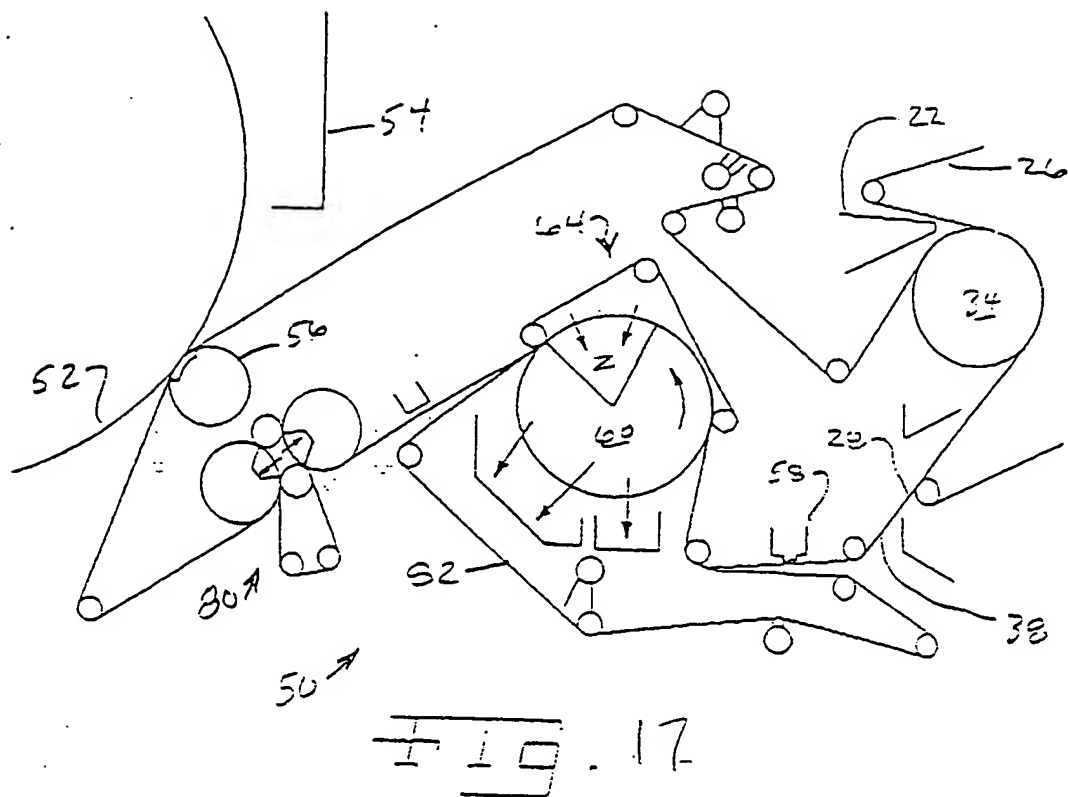


FIG. 12







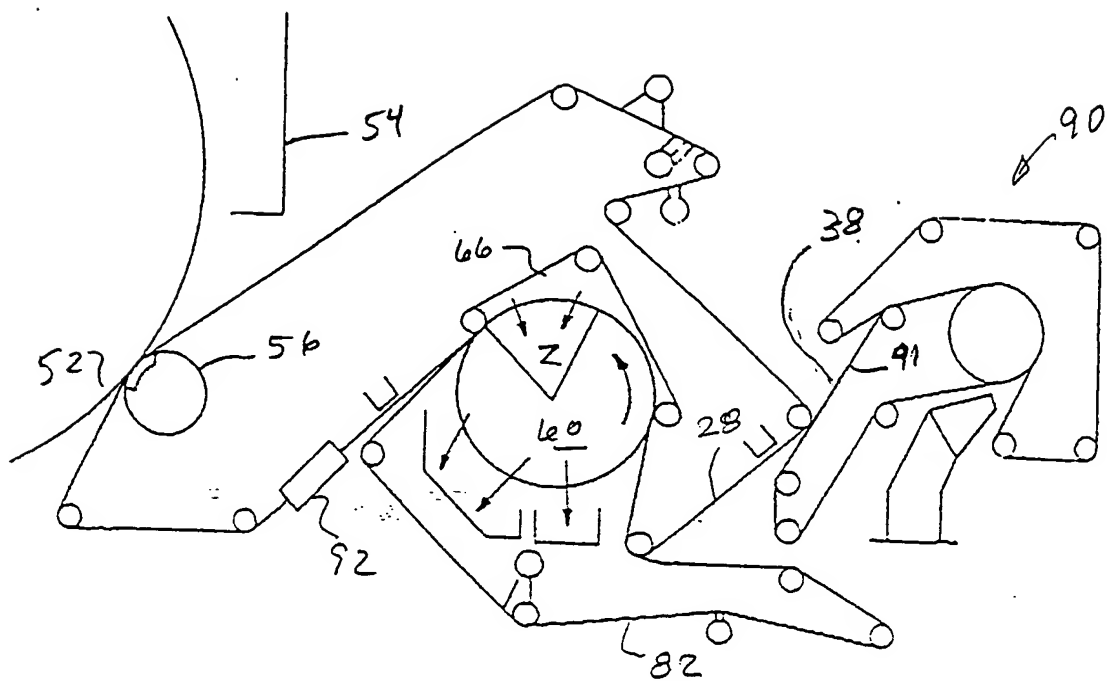
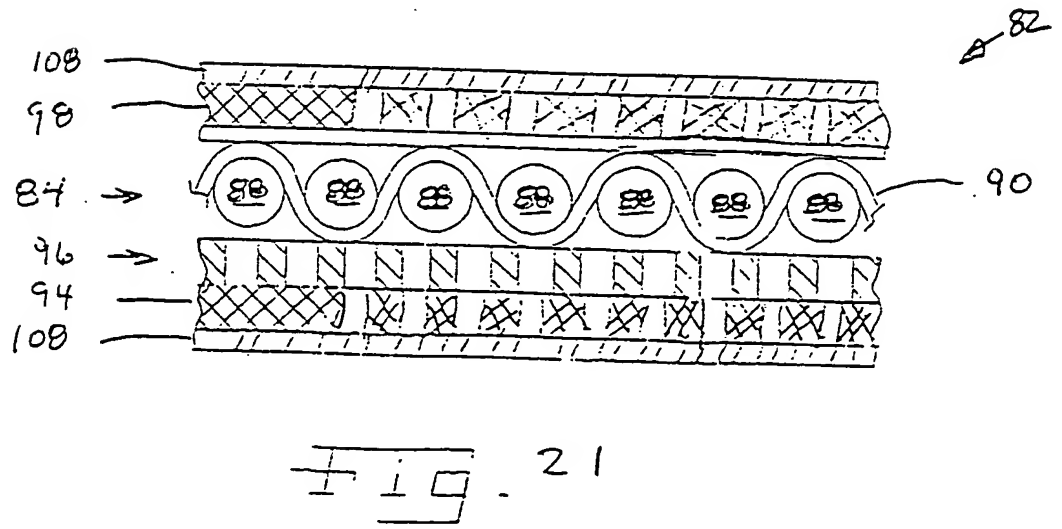
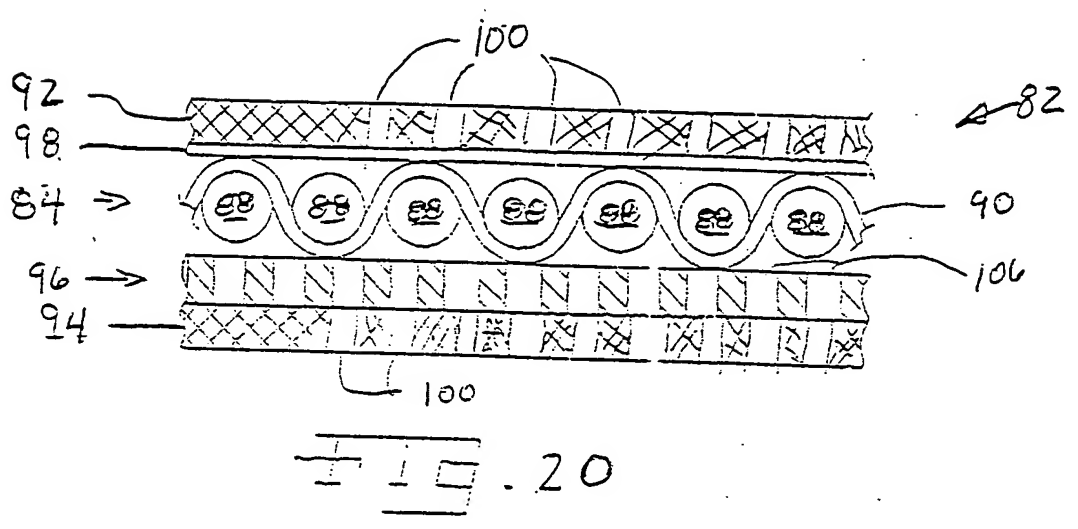
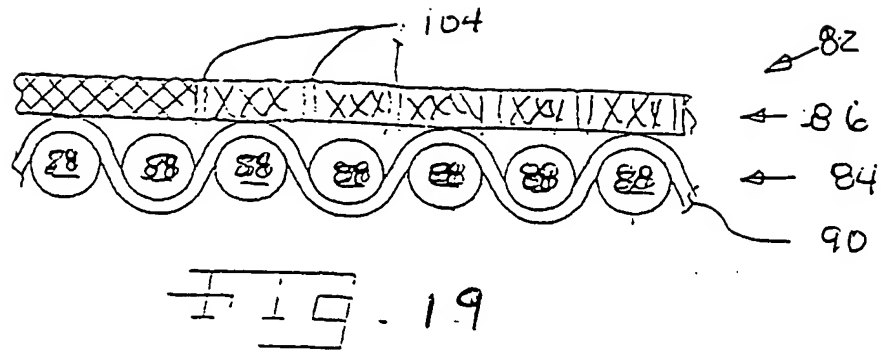
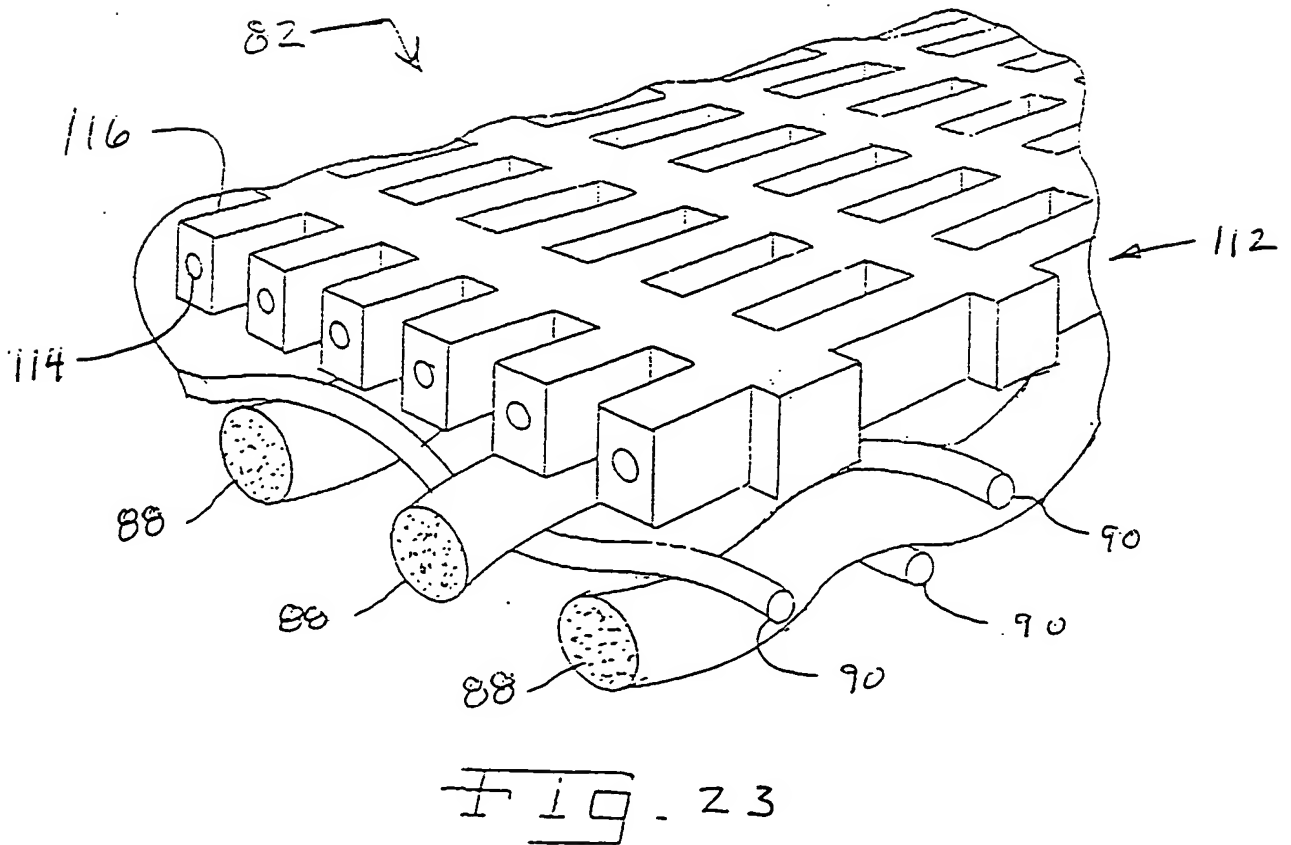
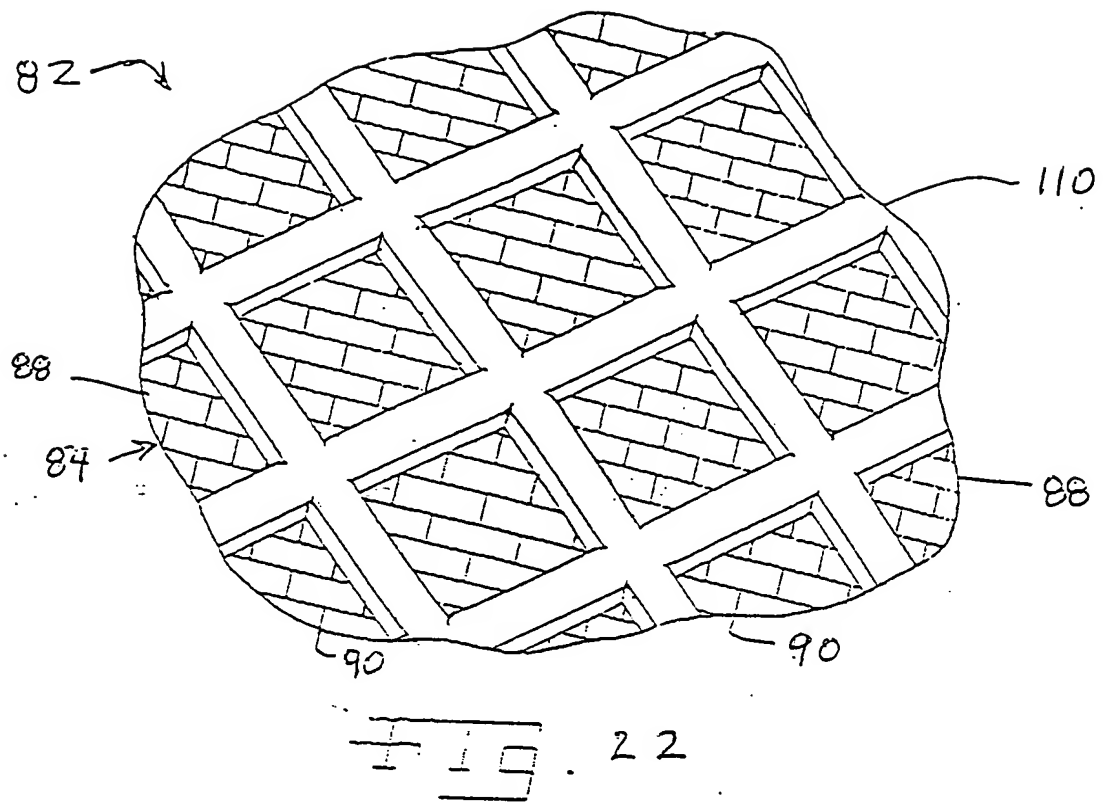
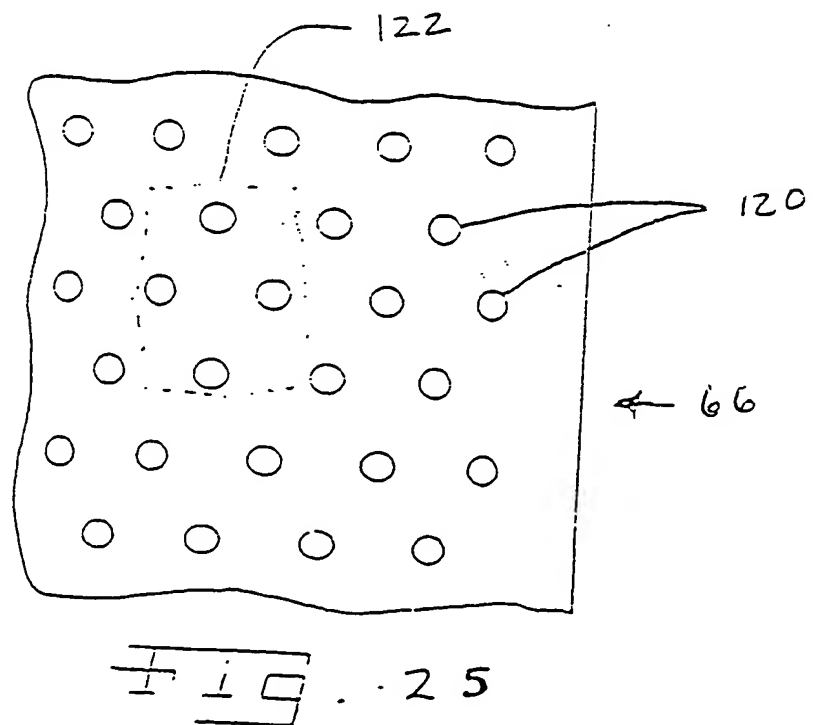
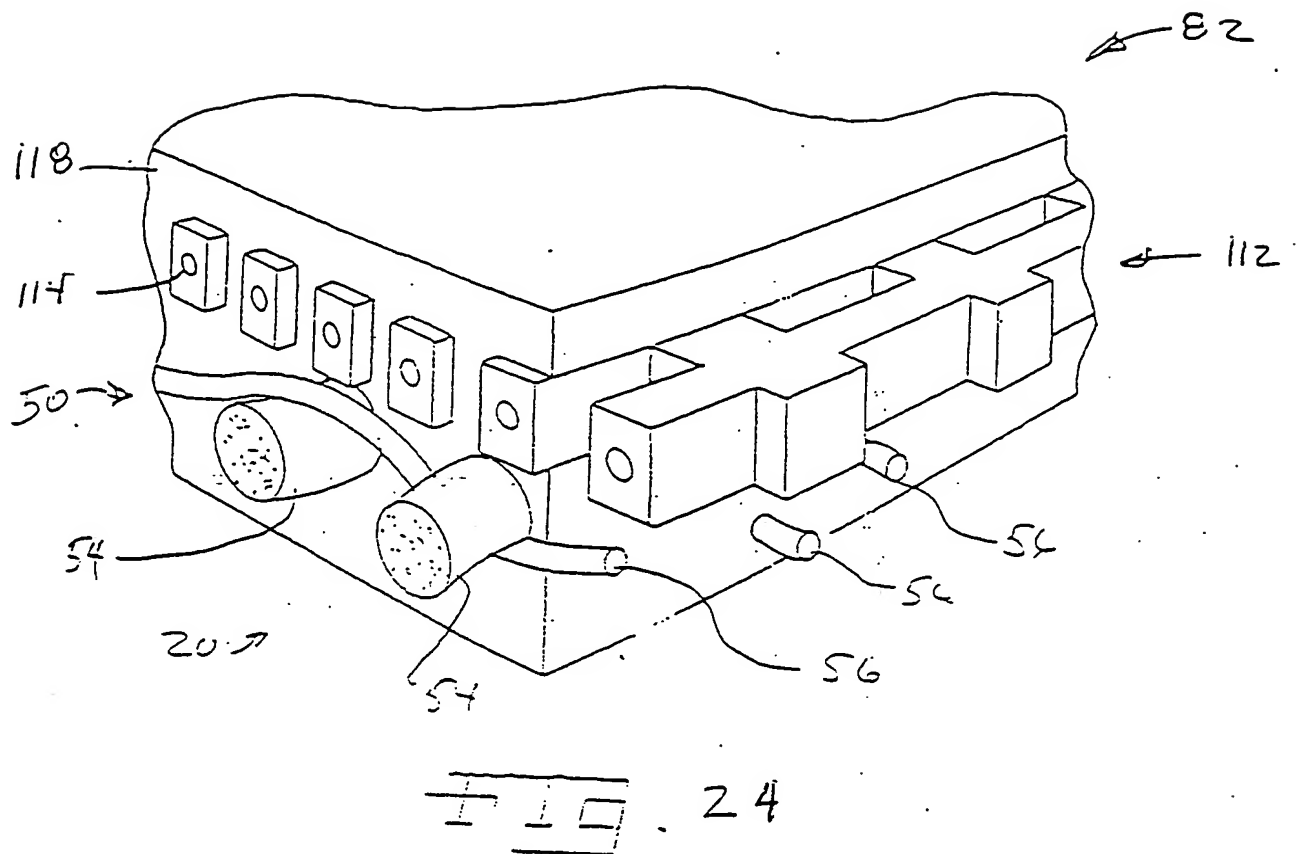
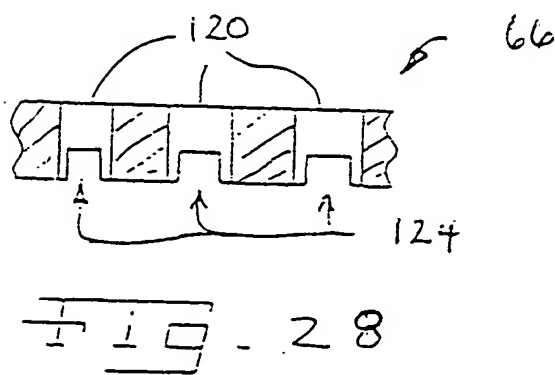
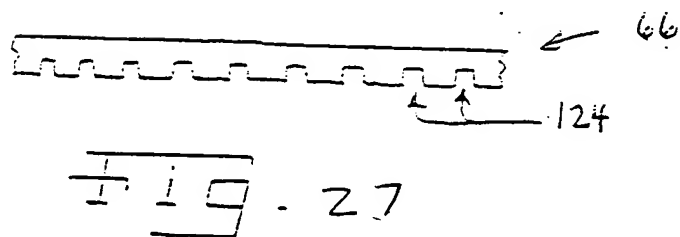
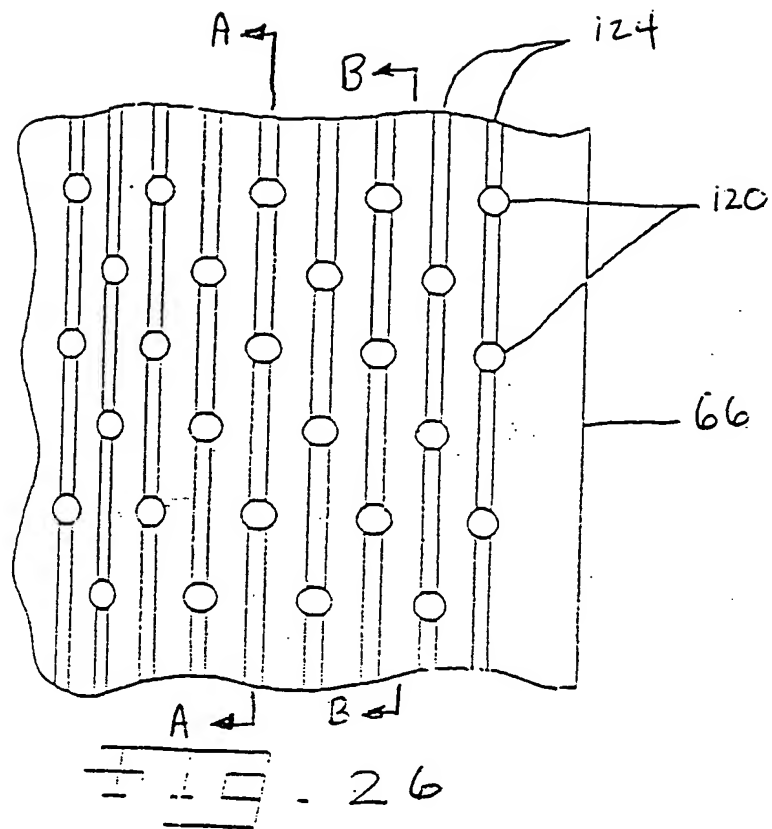


FIG. 18









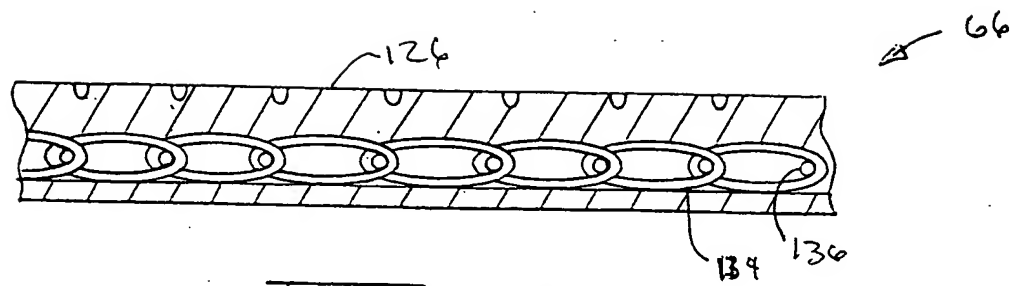


Fig. 32

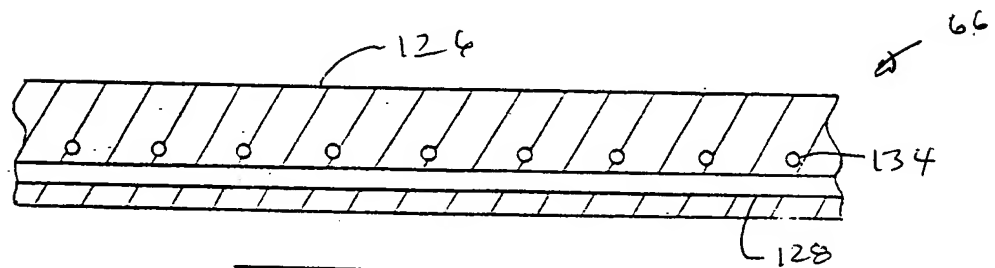


Fig. 30

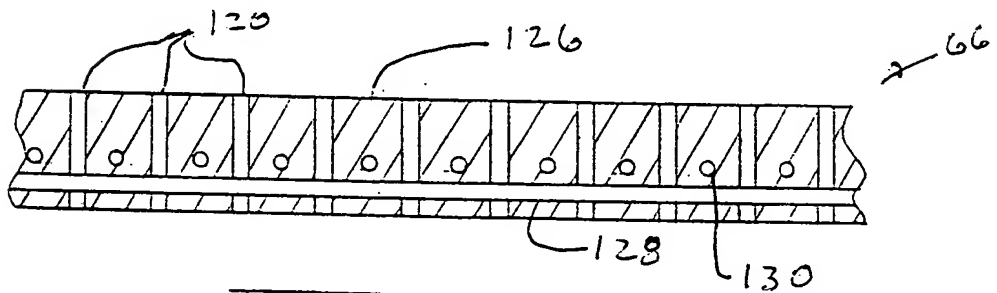


Fig. 29

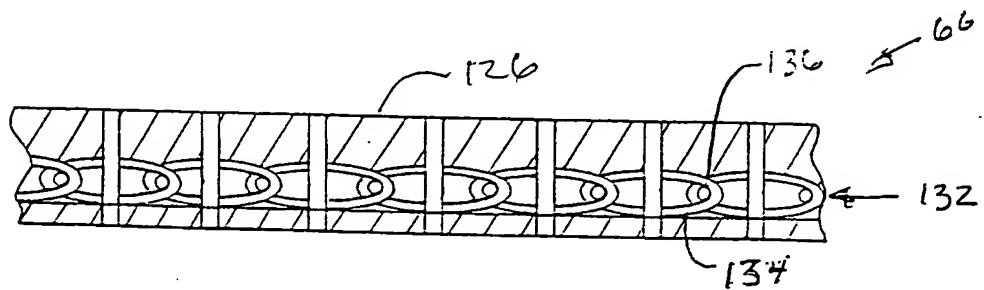


Fig. 31

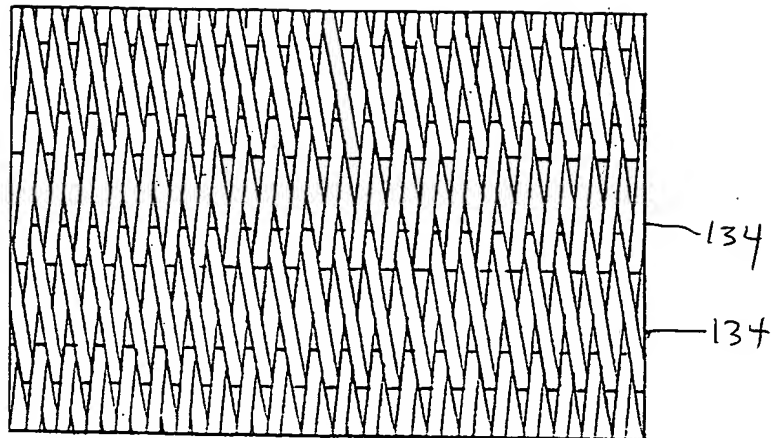


Fig. 33

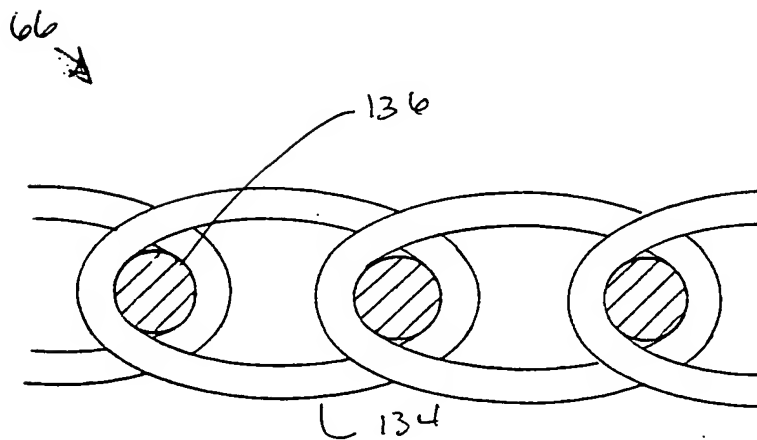


Fig. 34